

01/06/2005 16:40 FAX 1 617 535 3800

MCDERMOTT, WILL &amp; EMERY

002/002

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7590 11/03/2004

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28 State Street  
Boston, MA 02109

01/07/2005 MBEYENE2 00000113 501133 10669065

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Gayle Andres	(Depositor's name)
<i>Gayle Andres</i>	(Signature)
January 6, 2005	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/669,065	09/23/2003	Ali Shahii	56231-417 (MKS-131)	2723

TITLE OF INVENTION: TWO PHASE FLOW SENSOR USING TOMOGRAPHY TECHNIQUES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	02/03/2005
EXAMINER		ART UNIT	CLASS-SUBCLASS		
THOMPSON, JEWEL VERGIE		2855	073-861040		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
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2. For printing on the patent front page, list  
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 MCDERMOTT WILL & EMERY LLP  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

## (A) NAME OF ASSIGNEE

MKS Instruments, Inc.

## (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Six Shattuck Road, Andover, MA 01810 USA

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

## 4a. The following fee(s) are enclosed:

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## 5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

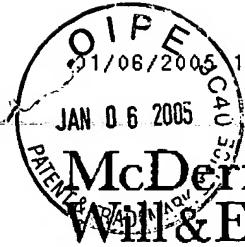
b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(e)(2).

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Authorized Signature Elizabeth E. KimDate January 6, 2005Typed or printed name Elizabeth E. KimRegistration No. 43,334

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## **FACSIMILE**

Date: January 6, 2005

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<b>From:</b>	Elizabeth E. Kim	<i>Direct Phone:</i>	617.535.4411
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U.S. practice conducted through McDermott Will & Emery LLP.  
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